

AMDT. DATED NOVEMBER 8, 2004

REPLY TO OFFICE ACTION OF MAY 7, 2004

Amendments to the Specification:

Please replace the paragraph beginning at page 8, line 11, with the following amended paragraph:

Each of the bay stations 106 are configured for electronically monitoring a repetitive motion (wherein the term “repetitive motion” is used herein to include practice motions and sequences of repetitive motions), executed by a member 110, and for generating data describing or representing the repetitive motion, as described in further detail in the co-pending ‘223 patent application. The generated data may include a video recording, three dimensional (3D) motion, laser monitored motion, weight shift patterns, and the like. Specialized software may be provided with the computer 114 to triangulate different views from each of a number of cameras to establish three-dimensional X, Y, Z coordinates or data in what is referred to as a translation step. This is combined with rotational data from the angles of links between various joint centers, as determined by markers on an individual. By combining this translational and rotational data, an output of a 3-dimensional model of the user can be created and displayed on a graphical display device. This data can also be used for comparison feedback and instruction purposes when comparing data from a practice swing to a template or model swing. The generated data is collected via the at least one input device 118 and recorded in the computer 114. The computer 114 is provided with software (not shown) configured for processing the data, and for generating to the at least one output device 120, substantially instantly upon completion of the motion, feedback to the member 110 who generated the motion. The at least one output device 120 may be any device effective for providing visual, audible, and/or electronic feedback, such as, for example, a monitor, speaker, printer, compact disc recorder, video recorder, and/or the like. The computer 114 is connected for transmitting the generated data (preferably unprocessed) via the network 102 to the network computer 104 for storage in a data storage device (described below).